

August 25, 2010
Energy Commission Business Meeting
Item #6

CITY OF REEDLEY

Grant Agreement ARV-10-004
for the
Central Valley Transportation Center

Abstract

Kings Canyon Unified School District (KCUSD) and the City of Reedley have been working collaboratively for the past five years to develop the Central Valley Transportation Center (CVTC). The first phase will be the installation of a compressed natural gas fueling station. The second phase will include electric vehicle charging stations and a solar electric charging system that will supply electricity for the stations. The Energy Commission will provide \$480,400 in Alternative and Renewable Fuel and Vehicle Transportation program funds. Additional match funding of approximately \$1.5 million will be provided by the project participants.

The goal of the CVTC is to be a Leader in Energy and Environmental Design (LEED) of a facility that will house, repair, and maintain green fleet vehicles. The facility will include alternative fuel infrastructure including compressed natural gas, bio-diesel, E-85, and electric charging stations. The project will also include a green learning center and education center component.

Participants

The City of Reedley has been working collaboratively with Kings County Unified School District (KCUSD) for five years to develop the Central Valley Transportation Center (CVTC). The CVTC will be a state-of-the-art facility to house, repair, and maintain green fleet vehicles from various regional partners.

KCUSD will be a partner in project ownership and will work on consumer project development.

San Joaquin Valley Air Pollution Control District will administer the project and evaluate the outreach and marketing team.

Darden Architects will be the architect design team.

Provost and Pritchard will be the environmental design team.

Chevron Energy Solutions will be the marketing/outreach/technical design team.

BKS will be the geotechnical consultant.

Fuel Solutions will be an alternative fuel consultant.

Clean Cities Coalition will be in charge of marketing and public awareness.

Benefits

This project will address air quality issues in the San Joaquin Valley. Successful completion of this project will result in an estimated total of 1,152,000 gallons of petroleum fuel displaced. The CVTC will house alternative and renewable fuels and will make available the alternative energy resources currently lacking within the region. The facility will have the ability to dispense fuel using a card lock system which will be available to the general public at all times. The CVTC will reduce CO₂ emission from 3,400 to over 4,000 per year. This project is expected to yield 158 direct jobs and 156 indirect jobs in the Central Valley.